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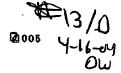
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## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICERECEIVED

Applicants: Michael Andrew Mang et al.

Examiner: Aimee J. Li GENTRAL FAX CENTER

Serial No.

09/556,473

2183 Art Group:

APR 1 3 2004

Filing Date: April 21, 2000

Docket No.:

00100000610

Conf. No.:

6795

Title:

METHOD AND APPARATUS FOR MULTI-THREAD

ACCUMULATION BUFFERING IN A COMPUTATION ENGINE

Mail Stop AF

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Certificate of Facsimile Transmission

I hereby certify that this paper is being sent via Facsimile to 703-872-9306, Examiner Aimee J. Li, at the U.S. Patent and Trademark Office, Alexandria, VA 22313-1450, on this

RESPONSE TO FINAL OFFICE ACTION WITH REQUEST FOR CONTINUED **EXAMINATION AND PRELIMINARY AMENDMENT** 

Dear Sir:

In response to the final Office Action dated January 13, 2004, and the Advisory Action dated March 25, 2004, Applicants submit the following amendments and remarks.

Amendments to the claims begin on page 2 of this paper.

Remarks begin on page 10 of this paper.

PTO/SE/17 (10-03)
Approved for use through 07/31/2008, OMB 0851-0032
U.S. Patent and Tradsmark Office; U.S. DEPARTMENT OF COMMERCE
B a collection of information unless the department of COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a veild QMB control number Complete if Known FEE TRANSMITTAL **Application Number** 09/556,473 Filing Date 4/21/00 for FY 2004 Michael Andrew Mang First Named Inventor Effective 10/01/2003. Peteral fees are subject to annual revision. Examiner Name Aimee J. Li Applicant claims small entity status, See 37 CFR 1.27 Art Unit 2183 (\$) 770.00 TOTAL AMOUNT OF PAYMENT 001000000810 Attorney Docket No. METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued) Check Credit card Money Other 3. ADDITIONAL FEES None Large Entity , Small Entity Deposit Account Fee Code Fee Description Deposit (\$) Cade (\$) Fee Pald 50-0441 Account Number 1051 130 2051 65 Surchange - late filing fear or oath Deposit ATI Technologies, Inc. 1052 50 2052 25 Surcharge - Isla provisional filing fee or Account cover sneet 1053 130 1053 138 Non-English specification Director is authorized to: (check of that apply) 1812 2,520 For filing a request for ex parte reexamination Charge lee(s) indicated below Credit any overpayme 1812 2,520 920° Requesting publication of SIR prior to Examinar action 1804 Charge any additional fee(s) or any underpayment of fee(s) 920\* 1804 Charge fee(s) indicated below, except for the filling foc 1805 1.840 1805 1,840\* Requesting publication of SIR after to the above-identified deposit account. Examiner action 1251 2251 Extension for reply within first month FEE CALCULATION 210 Extension for reply within second month 1252 420 2252 1. BASIC FILING FEE 2253 argo Entity Şimeli Entity 1253 850 475 Extension for reply within third month Code (8) Ege Description Fee Paid code (\$) 1254 1,480 2254 740 Extension for reply within fourth month 2255 -1,005 Extension for rapty within fifth month 1001 770 2001 385 1255 2.010 Utility filing fee 1002 340 2002 170 Design filing fee 1401 330 2401 165 Notice of Appeal 1003 530 2003 265 Plant filing fee 1402 330 2402 165 Filing a brief in support of an appest 1004 770 2004 385 Raissue filing fee 1403 290 145 Request for oral hearing 2403 1005 160 2005 80 1451 1,510 Petition to institute a public use proceeding Provisional filing fee 1451 1452 SS Patition to revive - unavoidable SUBTOTAL (1) (\$) 0.00 1453 665 Petition to revive - unintentional 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1501 1,330 2501 665 Udlity Issue fee (or reissue) Fee from Extra Claima 1502 -2502 .480 240 Ocsign Issue fee Total Claims × 0.00: 1503 640 2503 320 Plant Issue fee Independent 0.00 ້ 130 1480 1460 130 Petitions to the Commissioner ..... Multiple Dependent 5...50 1807 1807 : 60 Processing tee under 37 CFR 1,17(q) Large Entity : Small Entity Fee Fee Code (\$) 1808 180 1806 - 180 Submission of Information Disclosure Strict Fee Description 40 Recording each estent essignment per Code (S) 8021 40 8021 property (times number of properties) 1202 18 2202 9 Cisims in excess of 20 385 Filing a submission after final rejection (37 CFR 1.128(a)) 1809 770 2809 1201 68 2201 43 Independent cisims in excess of 3 1203 290 2203 145 Multiple depandent claim, if not paid 1810 770 2810 386 For each additional invention to be examined (37 CFR 1.129(b)) 1204 Reissue independent cleims over original patent 86 2204 1801 770 2601 385 Request for Continued Exermination (RCE) 770.00 \*\* Relative claims in excess of 20 1205 18 2205 1602 1802 900 Request for expedited examination of a design application 900 and over original patent (\$) 0.00 Other tee (specify) SUBTOTAL (2) Reduced by Basic Filing Fee Paid Tor number previously paid, if greater; For Reissues, see above SUBTOTAL (3) (\$) 770.00 SUBMITTED BY Complete (# approxi-Name (Presilype) Registration No.

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